



Japanese Patent Office
Utility Model Publication

Utility Model No. Sho59-42557

Name of the Device: Opening and closing device for a cassette holder of recorder

Applicant: Alps Electric Co., Ltd.

Application No.: Sho57-137178

Application Date: September 11, 1982

Claims

In an opening and closing device for a cassette holder of a recorder, a first stopper and a second stopper are disposed on a cassette holder at a predetermined distance, with the cassette holder being elastically biased in the opening direction. A spring is inserted around a lock lever which has a first lock and a second lock. By using the counter force of the spring, the lock lever is moved, and therefore, connecting of the first And the first lock can lead to the connecting of the second stopper and the second lock. Additionally, the second stopper and the second lock are disconnected by the spring.

Brief description of the drawings

[Fig. 1, Fig. 2, Fig. 3]

Side views illustrating a cassette half of a related art in a settled state.

[Fig. 4]

Side view showing a first embodiment of this device.

[Fig. 5]

Perspective view of a first embodiment of this device.

[Fig. 6 and Fig. 7]

Side view of main part of the first embodiment of this device.

[Fig. 8, Fig. 9]

Side views showing the main part according to another embodiment of this device.

⑨ 日本国特許庁 (JP)

⑩ 実用新案出願公開

⑪ 公開実用新案公報 (U)

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7201—5D

⑬ 公開 昭和59年(1984)3月19日

審査請求 未請求

(全 2 頁)

⑭ カセット式テープレコーダーにおけるカセットホルダーの開閉機構

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⑮ 実 願 昭57—137178

⑯ 出 願 昭57(1982)9月11日

⑰ 考 案 者 柿崎英一

⑱ 代 理 人 弁理士 武頭次郎

⑲ 実用新案登録請求の範囲

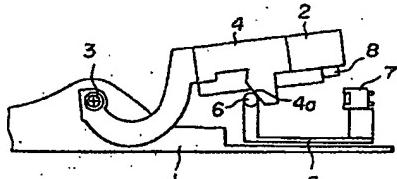
開放方向に付勢されたカセットホルダーに第1のストッパー部と第2のストッパー部とを適宜距離隔てて設け、第1のロック部と第2のロック部とを有するロックレバーにスプリングを弾設し、このスプリングに抗して前記ロックレバーを移動することにより、前記第1のストッパー部と前記第1のロック部との係合を前記第2のストッパー部と前記第2のロック部との係合へと移行し、さらに前記スプリングにより、前記第2のストッパー部と前記第2のロック部との係合を解除するようとしたことを特徴とするカセット式テープレコーダーにおけるカセットホルダーの開閉機構。

図面の簡単な説明

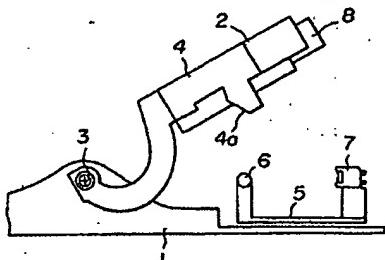
第1図、第2図および第3図は従来例におけるカセットハーフの装着状態を示す側面図、第4図ないし第7図は本考案の第1実施例を示し、第4図は側面図、第5図は斜視図、第6図及び第7図は要部の側面図であり、第8図及び第9図は本考案の他の実施例における要部の側面図である。

1…シャシー、2…カセットハーフ、10…スプリング、11…第1のストッパー部、12…第2のストッパー部、13…ロックレバー、16…スプリング、17…第1のロック部、18…第2のロック部。

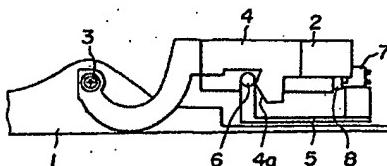
第2図



第1図

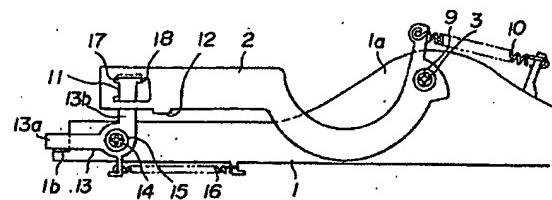


第3図

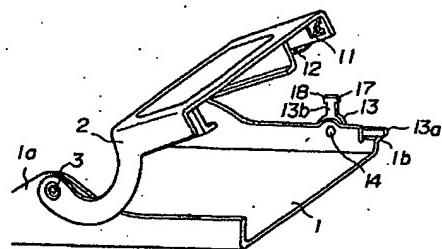


実開 昭59-42557(2)

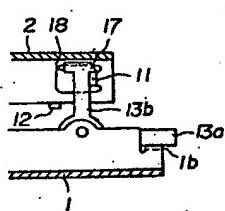
第4図



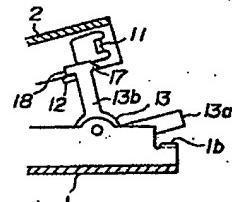
第5図



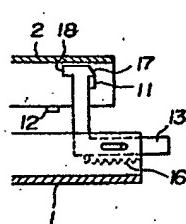
第6図



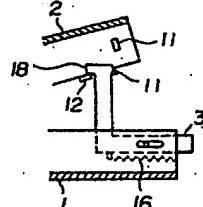
第7図



第8図



第9図



공개실용신안공보

실용신안출원공개 소 59-42557

고안의 명칭 : 녹음기 카세트식의 카세트 홀더(holder)의 개폐기구

출원인 : 알프스전기주식회사

출원번호 : 소 57-137178

출원일자 : 소 57(1982년) 9월 11일

【실용신안등록청구의 범위】

개방방향으로 탄성 바이어스된 카세트 홀더에 제1의 스토퍼(stopper)부와 제2의 스토퍼부를 적당한 거리를 두고 설치하고, 제1의 록(lock)부와 제2의 록부를 가지는 록레바(lock lever)에 스프링을 끼워 설치하고, 이 스프링의 반대힘을 이용하여 상기의 록레바를 이동시킴에 따라, 상기 제1의 스토퍼부와 상기 제1의 록부와의 결합을 상기 제2의 스토퍼부와 상기 제2의 록부와의 결합으로 이행하고, 또한 상기 스프링에 의해 상기 제2의 스토퍼부와 상기 제2의 록부와의 결합을 해제하도록 하는 것을 특징으로 하는 녹음기 카세트식의 카세트 홀더의 개폐기구.

【도면의 간단한 설명】

【도 1, 도 2, 도 3】

종래의 예에 준한 카세트 하프의(half)의 장착상태를 나타내는 측면도이다.

【도 4】

본 고안의 제1 실시 예를 나타내고, 측면도이다.

【도 5】

본 고안의 제1 실시 예를 나타내고, 사시도이다.

【도 6, 도 7】

본 고안의 제1 실시 예를 나타내고, 중요부분의 측면도이다.

【도 8, 도 9】

본 고안의 다른 실시 예에 준한 중요부분의 측면도이다.

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